

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	66	((system adj packet adj interface) or SPI) same PHY same MAC) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/11 08:33
L3	1	((system adj packet adj interface) or SPI) same PHY same MAC same advantage) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/11 08:20
L4	2	"6275498".pn. and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/11 08:31
L5	39	((system adj packet adj interface))) and PHY and MAC and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/11 08:33
S1	37987	(status adj (packet or cell or frame or data or signal)) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 12:07
S2	757	(protocol adj stack) and (status adj (packet or cell or frame or data or signal)) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 12:07
S3	46	(protocol adj stack) same (status adj (packet or cell or frame or data or signal)) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 12:43
S4	148	((protocol adj (stack or layer)) same (control adj (packet or cell or frame or data or signal)) same (data adj (packet or cell or frame or data or signal))) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 14:45

## EAST Search History

S5	2	"7174393".pn. and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 12:46
S6	140	((higher or lower) adj ( layer)) same (control adj (packet or cell or frame or data or signal)) same (data adj (packet or cell or frame or data or signal))) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 14:46
S7	8	((higher or lower) adj ( layer)) same (control adj (packet or cell or frame or data or signal)) same (data adj (packet or cell or frame or data or signal)) same stack) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 08:46
S9	1	("20020062436" "20060104301" "69 22722").PN.	USPAT	OR	ON	2007/07/09 15:20
S10	178	((control adj (packet or cell or frame)) same (data adj (packet or cell or frame)) same header same payload) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 08:47
S11	15	((control adj (packet or cell or frame)) same (data adj (packet or cell or frame)) same header same payload) and (protocol adj layer) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 10:09
S12	1017	(GMII or SMII or RMII) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 10:11
S13	410	((GMII or SMII or RMII) same PHY) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 10:11

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S14	287	((GMII or SMII or RMII) same PHY same MAC) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/11 08:18
S15	30	((GMII or SMII or RMII) same PHY same MAC) and (protocol adj layer) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 10:19
S16	1	((GMII or SMII or RMII) same advantage) and (protocol adj layer) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 10:56
S17	452	((control adj (packet or cell or frame)) same ((link or connection) with (up or down))) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 10:58
S18	192	((control adj (packet or cell or frame)) with ((link or connection) with (up or down))) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 10:58
S19	8	((control adj (packet or cell or frame)) with ((link or connection) with (up or down))) same MAC) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 11:02
S20	11	((control adj (packet or cell or frame)) with ((link or connection) with (up or down))) and (protocol adj layer) and MAC and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 11:01
S21	1	((control adj (packet or cell or frame)) with ((link or connection) with (up or down or status))) same MAC) and (@rlad<"20031125" or @ad<"20031125") not S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 11:03

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S22	27	((control adj (packet or cell or frame)) with ((link or connection) with ( status))) ) and MAC and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 11:12
S23	17	((control adj (packet or cell or frame)) with ((link or connection) with ( status))) ) and ethernet and (@rlad<"20031125" or @ad<"20031125") not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 12:14
S24	32	((link or connection or session) adj status) same ((protocol or higher) adj layer)) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 11:16
S25	19	((link or connection or session) adj status) same (packet or cell or frame or signal) same ((protocol or higher) adj layer)) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 11:27
S26	2	"20030056046".pn. and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 11:28
S27	128	((control adj (packet or cell or frame)) with ((link or connection) with ( status))) ) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 12:28
S28	3	((control adj (packet or cell or frame)) with ((link or connection) with ( status))) ) and (@rlad<"20031125" or @ad<"20031125") and (protocol adj stack) and OSI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 13:00
S29	7	((control adj (packet or cell or frame)) with ((link or connection) with ( status))) ) and (@rlad<"20031125" or @ad<"20031125") and OSI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 12:25

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S31	1	(((((control adj (packet or cell or frame)) with ((link or connection) with ( up or down)))) ) same (higher adj layer)) and (@rlad<"20031125" or @ad<"20031125"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 12:30
S32	5457	((connection or link) adj status) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 12:30
S33	28	((((connection or link) adj status) same ((higher or protocol) adj layer)) and (@rlad<"20031125" or @ad<"20031125"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 12:31
S35	35	(((((control adj (packet or cell or frame)) same (sequence adj number) ) ) and (@rlad<"20031125" or @ad<"20031125") and (protocol adj stack) and OSI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 15:03
S36	6	(((((control adj (packet or cell or frame)) same (time adj stamp)) ) and (@rlad<"20031125" or @ad<"20031125") and (protocol adj stack) and OSI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 13:18
S37	86	(((((control adj (packet or cell or frame)) same (time adj stamp)) ) and (@rlad<"20031125" or @ad<"20031125"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 13:19
S38	35	(((((control adj (packet or cell or frame)) with (time adj stamp)) ) and (@rlad<"20031125" or @ad<"20031125"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 13:19
S39	10	(((((control adj (packet or cell or frame)) same (time adj stamp)) same (sequence adj number)) and (@rlad<"20031125" or @ad<"20031125"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 13:20

## EAST Search History

S40	14	((configur\$6 with (packet or cell or frame)) same PHY same ((higher or protocol) adj layer)) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 15:09
S41	40	((configur\$6 with (packet or cell or frame)) same (physical adj layer) same ((higher or protocol) adj layer)) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 15:14
S42	23	((configur\$6 with (packet or cell or frame)) with (physical adj layer) same ((higher or protocol) adj layer)) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 15:20
S44	538	((configur\$6 with (packet or cell or frame)) with ((physical adj layer) or PHY)) ) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 15:21
S45	289	((configur\$6 with (packet or cell or frame)) with ((physical adj layer) or PHY)) ) and (@rlad<"20031125" or @ad<"20031125") and MAC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 16:35
S46	4	((configur\$6 adj (packet or cell or frame)) with ((physical adj layer) or PHY)) ) and (@rlad<"20031125" or @ad<"20031125") and MAC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 15:22
S47	97	((configur\$6 with (packet or cell or frame)) with ((upper or lower or protocol) adj layer))) and (@rlad<"20031125" or @ad<"20031125") and MAC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 16:37
S48	76	((configur\$6 with (packet or cell or frame)) with ((upper or lower or protocol) adj layer))) and (@rlad<"20031125" or @ad<"20031125") and MAC and (PHY or (physical adj layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 16:44

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S49	2409	((configur\$6 or initializ\$6) with ((physical adj layer) or PHY)) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 16:46
S50	1657	((configur\$6 or initializ\$6) with ((physical adj layer) or PHY)) same (packet or cell or frame or data) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 16:46
S51	132	((configur\$6 or initializ\$6) with ((physical adj layer) or PHY)) same (packet or cell or frame or data) same ((higher or protocol) adj layer)) and (@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 16:47
S52	69	((configur\$6 or initializ\$6) with ((physical adj layer) or PHY)) same (packet or cell or frame or data) same ((higher or protocol) adj layer)) and (@rlad<"20031125" or @ad<"20031125") and MAC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 16:48


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RSR Taborek, DW Alderrou, S Dreyer, G Rara - 2003 - freepatentsonline.com

... Layer (PLL) Working Group (WG) proposals for **System Packet Interface-4** (SPI-4 ... IEEEDraft P802.3ae specification, the **MAC** couples to the **PHY**, either directly ...[Cached](#) - [Web Search](#)
Optical networking module including protocol processing and unified software control - all 4 versions »

IC Denton, B Murdock, JL Gimlett, EL Hershberg, SW ... - US Patent 6,567,413, 2003 - Google Patents

... Low voltage differential signal **MAC** Media Access ... Synchronous Optical network, a **PHY** telecommunication protocol SPI-4 **System Packet Interface** Level 4 ...[Cited by 2](#) - [Related Articles](#) - [Web Search](#)
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SH NI - EP Patent 1,313,291, 2003 - freepatentsonline.com

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Scalable interface and method of transmitting data thereon - all 4 versions »

JL Calvignac, JJ Lynch, FJ Verplanken - US Patent 6,642,865, 2003 - Google Patents

... SPI-4 interface which interconnects Physi- 45 cal Layer (**PHY**) devices to ... 4 interface is set forth in the OIF document titled: "**System Packet Interface** Level 4 ...[Cited by 1](#) - [Related Articles](#) - [Web Search](#)
[book] From Asics to Socs: A Practical Approach - all 2 versions »

F Nekoogar, F Nekoogar - 2003 - books.google.com

... LVS Layout Versus Schematic **MAC** Media Access ... Small Outline Package SPI-4P2 **System****Packet Interface** Level 4 ... UTOPIA Universal Test Operation **PHY** Interface for ...[Cited by 11](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)
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telecommunication protocol ... of Packet SPI-4 **System Packet Interface** Level 4 ...

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... in the OIF document entitled: "**System Packet Interface** Level 4 ... RDCLK, RDAT and RCTL,

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L Shankar, S Ambe - 2003 - freepatentsonline.com

... In the non-qualified mode, the **MAC** addresses may not ... in any type of network as a **system packet interface** for data transfer between a link layer and a **PHY** device ...

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